

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
27 October 2005 (27.10.2005)

PCT

(10) International Publication Number
WO 2005/100707 A1

(51) International Patent Classification⁷: **E04B 1/00**

(21) International Application Number:
PCT/IL2003/000261

(22) International Filing Date: 30 March 2003 (30.03.2003)

(25) Filing Language: English

(26) Publication Language: English

(71) Applicant and

(72) Inventor: **KEILAF, Moshe** [IL/IL]; 18 Rahavat Ilan Street, 54056 Givat Shmuel (IL).

(74) Agent: **FREIMANN, Daniel**; 5 Droyanov Street, 10th Floor, 63143 Tel-Aviv (IL).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,

CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

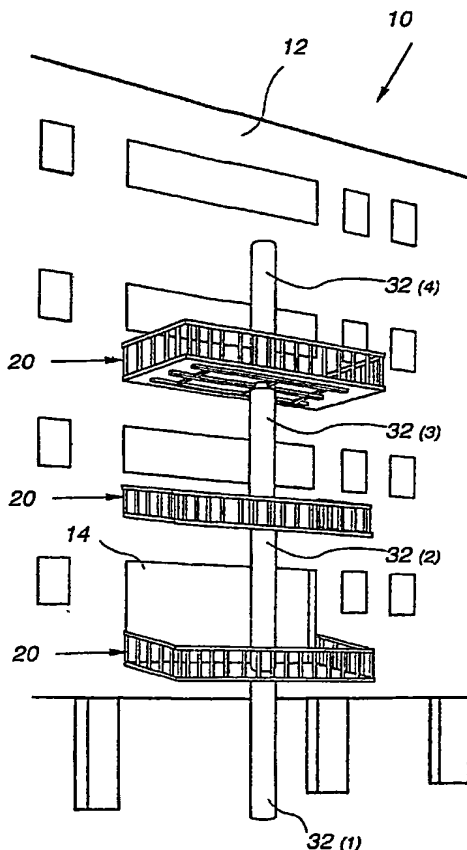
(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: A METHOD OF CONSTRUCTING MULTI-STOREY BUILDING BALCONIES



(57) Abstract: A method of constructing balconies (20) to exterior walls (12) of buildings (10). A prefabricated balcony skeleton having a floor beam structure platform (22) and a three-side rail (26) is brought by crane (18) to the designed location of the first storey and supported by a post [32(1)] and wall plugs (34). The balcony skeleton of the second storey is supported by post [32(2)], and so forth. The respective portion of the exterior wall (12) is then broken for completing the balcony floor.